



TTI ENVIRONMENTAL
LABORATORIES



TEST REPORT

TTI Lab No: 1104092

Mike Templin
Trans-Environmental Services
740 S. I-35
Valley View, TX 76272

Customer ID: TES
PO #: N/A
Date Collected: 10/06/11
Date Received: 10/07/11
Date Reported: 10/12/11

Dear Mike Templin:

Please find the enclosed analytical results for the samples you submitted to TTI Environmental Laboratories.

The as-is-received samples were suitably preserved and prepared as per EPA approved methodology. The determinations were carried out using EPA approved methods. The test results are tabulated in the attached tables. The analytical data contained in these tables has undergone a thorough review and is deemed to be accurate and complete.

Everyone in our organization will work hard to earn your continued support. We appreciate the opportunity to do business with you and look forward to a growing relationship in the future.

Please do not hesitate to contact us, if we can be of any service to you or if you have any questions, at (817) 861-5322.

Stacey Goes
Project Manager



Project Name: PRIME PACK
Project No: I 14

TTI Lab No: 1104092
Date Sampled: 10/06/2011
Date Received: 10/07/2011
Date Reported: 10/12/2011

Client Sample ID

Tank Heel

Laboratory ID

1104092-01

Matrix

Solid

Sampled:

10/06/2011

SAMPLE ID: Tank Heel
TTI SAMPLE NO: 1104092-01

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	MDL	S.Q.L.	M.Q.L.	SAMPLE RESULTS	UNITS	FLG	ANAL.	ANALYZED
Reactive Cyanide	EPA 9010B	0.005	0.005	0.030	< 0.005	mg/kg	U	JS	10/11/11
Sulfide, total	EPA 9010B	0.050	0.050	0.100	< 0.050	mg/kg	U	JS	10/11/11
Total Reactivity	EPA 9010B	0.005	0.005	0.030	< 0.005	mg/kg	U	JS	10/11/11



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CLASSICAL CHEMISTRY PARAMETERS - Quality Control
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Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 1101004 - Default Prep GenChem										
Blank (1101004-BLK1)					Prepared: 10/10/11 Analyzed: 10/11/11					
Reactive Cyanide	< 0.005	0.005	0.030	mg/kg						U
Sulfide, total	< 0.050	0.050	0.100	"						U
Total Reactivity	< 0.005	0.005	0.030	"						U
LCS (1101004-BS1)					Prepared: 10/10/11 Analyzed: 10/11/11					
Reactive Cyanide	24.48	0.005	0.030	mg/kg	25.0		97.9	80-120		
LCS Dup (1101004-BSD1)					Prepared: 10/10/11 Analyzed: 10/11/11					
Reactive Cyanide	23.56	0.005	0.030	mg/kg	25.0		94.2	80-120	3.85	20
Matrix Spike (1101004-MS1)					Source: 1104078-01 Prepared: 10/10/11 Analyzed: 10/11/11					
Reactive Cyanide	22.19	0.005	0.030	mg/kg	25.0	<	88.8	70-130		
Matrix Spike Dup (1101004-MSD1)					Source: 1104078-01 Prepared: 10/10/11 Analyzed: 10/11/11					
Reactive Cyanide	23.81	0.005	0.030	mg/kg	25.0	<	95.2	70-130	7.04	20



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Notes and Definitions

U Analyte included in the analysis, but not detected
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

ACCREDITED IN ACCORDANCE WITH
neap

www.ttilabs.com

CHAIN OF CUSTODY RECORD

CLIENT NAME Trans-Environmental Services		CLIENT CONTACT Mike Templin		TEST PARAMETERS					
CLIENT ADDRESS 740 S. I-35		PHONE +1 (940) 726-5491		REACTIVE CYANIDE					
CLIENT ADDRESS Valley View, Texas 76272		FAX +1 (940) 726-5311							
P.O. NO.		EMAIL mtemplin@trans-environmental.com							
PROJECT NO. I14		PROJECT NAME PRIME PACK		SAMPLER'S NAME MIKE TEMPLIN					
Sample Collection		Sample Description		No. / Type Containers ²					
Date	Time	(C) ^{comp} (G) ^{grab}	Matrix ¹	VOA	A/G 1 LT.	4 OZ.	P/O	PRES ³	
10/6/11	2:35 PM	G	SD						
TURNAROUND TIME:									
<input type="checkbox"/> STANDARD 5-7 Working Days <input type="checkbox"/> 50% RUSH 3-4 Working Days <input checked="" type="checkbox"/> 100% RUSH 1-2 Working Days <input type="checkbox"/> E.R. 300% RUSH ASAP/24 Hours									
Relinquished by (Signature)				Date		Time		Received By: (Signature)	
				10/7/11		6:05 AM		Mario Salas	
Relinquished by (Signature)				Date		Time		Received By: (Signature)	
Mario Salas				10-7-11		10:38		Harry Lopez	
Relinquished by (Signature)				Date		Time		Received By: (Signature)	
				10/07/11		10:38			
REMARKS: <input type="checkbox"/> TTI Drop Off <input checked="" type="checkbox"/> TTI Pickup									
Clients delivery of samples to TTI constitutes acceptance to reimburse TTI as per the terms and conditions listed in the price schedule.									